Brain Research, 587 (1992) 358–360
Elsevier Science Publishers B.V.

Author Index

Abe, K. and Saito, H.
Epidermal growth factor selectively enhances NMDA receptor-mediated increase of intracellular Ca^{2+} concentration in rat hippocampal neurons (587) 102
Abe, K., see Kawagoe, J. (587) 195
Abumrad, N.N., see Hourani, H. (587) 276
Akil, H., see Bronstein, D.M. (587) 269
Akiyama, K., Yoneda, Y., Ogita, K., Itoh, T., Daigen, A., Sora, I., Kohira, I., Ujike, H. and Otsuki, S.
Ionotropic excitatory amino acid receptors in discrete brain regions of kindled rats (587) 73
Albus, K., Chao, H.H.-A. and Hicks, T.P.
Tachykinins preferentially excite certain complex cells in the infragranular layers of feline striate cortex (587) 353
Angelucci, L., see Maccari, S. (587) 313
Arora, P.K., see Boje, K.M. (587) 250
Ayers, E., see Lumia, A.R. (587) 181
Ayyagari, V. and Harrell, L.E.
Cholinergic denervation alters [^{3}H]phorbol-12,13-dibutyrate binding to rat hippocampal membranes (587) 343

Baird, A., see Logan, A. (587) 216
Barbosa, S.P., De Arruda Camargo, L.A., Saad, W.A., Renzi, A., De Luca Jr., L.A. and Menani, J.V.
Lesion of the anteroventral third ventricle region impairs the recovery of arterial pressure induced by hypertonic saline in rats submitted to hemorrhagic shock (587) 109
Bean, A.J., see Strowbridge, B.W. (587) 164
Bengzon, J., Söderström, S., Kokaia, Z., Kokaia, M., Ernfors, P., Persson, H., Ebendal, T. and Lindvall, O.
Widespread increase of nerve growth factor protein in the rat forebrain after kindling-induced seizures (587) 338
Bickford, P.C., see Luntz-Leybman, V. (587) 130
Bilkey, D.K., see Holmes, K.H. (587) 285
Boje, K.M. and Arora, P.K.
Microglial-produced nitric oxide and reactive nitrogen oxides mediate neuronal cell death (587) 250
Bray, G.A., see Tsujii, S. (587) 226
Breedlove, S.M., see Monaghan, E.P. (587) 177
Brody, M.J., see Meller, S.T. (587) 88
Bronstein, D.M., Schafer, M.K.-H., Watson, S.J. and Akil, H.
Evidence that β-endorphin is synthesized in cells in the nucleus tractus solitarius: detection of POMC mRNA (587) 269
Buchan, A.M., see Xue, D. (587) 66

Chao, H.H.-A., see Albus, K. (587) 353
Clement, M.E. and McCall, R.B.
Evidence that the lateral tegmental field plays an important role in the central sympathoinhibitory action of 8-OH-DPAT (587) 115
Colvin, A.C., see Hooks, M.S. (587) 306
Cooper, K.E., see Federico, P. (587) 319
Cotman, C.W., see Koh, J.-Y. (587) 233

Daigen, A., see Akiyama, K. (587) 73
Deadwyler, S.A., see Foster, T.C. (587) 95
De Arruda Camargo, L.A., see Barbosa, S.P. (587) 109
De Luca Jr., L.A., see Barbosa, S.P. (587) 109

Ebendal, T., see Bengzon, J. (587) 338
Eltayeb, K., see Hourani, H. (587) 276
Ernfors, P., see Bengzon, J. (587) 338

Federico, P., Malkinson, T.J., Cooper, K.E., Pittman, Q.J. and Veale, W.L.
Vasopressin perfusion within the medial amygdaloid nucleus attenuates prostaglandin fever in the urethane-anaesthetized rat (587) 319
Feinstein, D.L., see Martin, J.-L. (587) 1
Finch, D.M., see Mello, L.E.A.M. (587) 24
Finch, D.M., see Mello, L.E.A.M. (587) 41
Foster, T.C. and Deadwyler, S.A.
Acetylcholine modulates averaged sensory evoked responses and perforant path evoked field potentials in the rat dentate gyrus (587) 95
Frautschy, S.A., see Logan, A. (587) 216
Freedman, R., see Luntz-Leybman, V. (587) 130

Gebhart, G.F., see Meller, S.T. (587) 88
Goldberg, S.J., see Shall, M.S. (587) 291
Gonzalez, A.-M., see Logan, A. (587) 216

Harrell, L.E., see Ayyagari, V. (587) 343
Hicks, T.P., see Albus, K. (587) 353
Holmes, K.H., Bilkey, D.K. and Laverty, R.
The infusion of an NMDA antagonist into perirhinal cortex suppresses amygdala-kindled seizures (587) 285
Hooks, M.S., Colvin, A.C., Juncos, J.L. and Justice, Jr., J.B.
Individual differences in basal and cocaine-stimulated extracellular dopamine in the nucleus accumbens using quantitative microdialysis (587) 306
Hourani, H., Lacy, B., Eltayeb, K. and Abumrad, N.N.
The role of the central nervous system in modulating glucose and protein metabolism during insulin-induced hypoglycemia (587) 276
Huang, Z.-G., see Xue, D. (587) 66

Imaizumi, K., see Matsuyama, A. (587) 49
Itoh, T., see Akiyama, K. (587) 73
Iwata, H., see Matsuyama, A. (587) 49

Juncos, J.L., see Hooks, M.S. (587) 306
Justice, Jr., J.B., see Hooks, M.S. (587) 306

Kaakkola, S. and Wurtman, R.J.
Effects of COMT inhibitors on striatal dopamine metabolism: a microdialysis study (587) 241
Kalin, N.H., see Swiergiel, A.H. (587) 263
Kanzaki, R. and Shibuya, T.
Long-lasting excitation of protocerebral bilateral neurons in the pheromone-processing pathways of the male moth *Bombyx mori* (587) 211
Kaoutzanis, M., see Yokota, M. (587) 123
Kawagoe, J., Abe, K., Sato, S., Nagano, I., Nakamura, S. and Kogure, K.
Distributions of heat shock protein (HSP) 70 and heat shock cognate protein (HSC) 70 mRNAs after transient focal ischemia in rat brain (587) 195
Kogure, K., see Kawagoe, J. (587) 195
Koh, J.-Y. and Cotman, C.W.
Programmed cell death: its possible contribution to neurotoxicity mediated by calcium channel antagonists (587) 233
Kohira, I., see Akiyama, K. (587) 73
Kokaia, M., see Bengzon, J. (587) 338
Kokaia, Z., see Bengzon, J. (587) 338
Kowall, N.W., see Yokota, M. (587) 123
Koyama, T., see Ohmori, T. (587) 257
Kraus, N., McGee, T., Littman, T. and Nicol, T.
Reticular formation influences on primary and non-primary auditory pathways as reflected by the middle latency response (587) 186

Lacy, B., see Hourani, H. (587) 276
Laverty, R., see Holmes, K.H. (587) 285
Lee, Y., see Matsuyama, A. (587) 49
Le Moal, M., see Maccari, S. (587) 313
LeVine, S.M. and Torres, M.V.
Morphological features of degenerating oligodendrocytes in twitcher mice (587) 348
Lewis, S.J., see Meller, S.T. (587) 88
Li, L., see Sheedlo, H.J. (587) 327
Lindvall, O., see Bengzon, J. (587) 338
Littman, T., see Kraus, N. (587) 186
Logan, A., Frautschy, S.A., Gonzalez, A.-M., Sporn, M.B. and Baird, A.
Enhanced expression of transforming growth factor β1 in the rat brain after a localized cerebral injury (587) 216
Lookingland, K.J., see Manzanares, J. (587) 301
Lumia, A.R., Teicher, M.H., Salchli, F., Ayers, E. and Possidente, B.
Olfactory bulbectomy as a model for agitated hyposerotonergic depression (587) 181
Luntz-Leybman, V., Bickford, P.C. and Freedman, R.

Brain Research, 587 (1992) 358–360
Elsevier Science Publishers B.V.

Author Index

Abe, K. and Saito, H.
Epidermal growth factor selectively enhances NMDA receptor-mediated increase of intracellular Ca^{2+} concentration in rat hippocampal neurons (587) 102
Abe, K., see Kawagoe, J. (587) 195
Abumrad, N.N., see Hourani, H. (587) 276
Akil, H., see Bronstein, D.M. (587) 269
Akiyama, K., Yoneda, Y., Ogita, K., Itoh, T., Daigen, A., Sora, I., Kohira, I., Ujike, H. and Otsuki, S.
Ionotropic excitatory amino acid receptors in discrete brain regions of kindled rats (587) 73
Albus, K., Chao, H.H.-A. and Hicks, T.P.
Tachykinins preferentially excite certain complex cells in the infragranular layers of feline striate cortex (587) 353
Angelucci, L., see Maccari, S. (587) 313
Arora, P.K., see Boje, K.M. (587) 250
Ayers, E., see Lumia, A.R. (587) 181
Ayyagari, V. and Harrell, L.E.
Cholinergic denervation alters [^{3}H]phorbol-12,13-dibutyrate binding to rat hippocampal membranes (587) 343

Baird, A., see Logan, A. (587) 216
Barbosa, S.P., De Arruda Camargo, L.A., Saad, W.A., Renzi, A., De Luca Jr., L.A. and Menani, J.V.
Lesion of the anteroventral third ventricle region impairs the recovery of arterial pressure induced by hypertonic saline in rats submitted to hemorrhagic shock (587) 109
Bean, A.J., see Strowbridge, B.W. (587) 164
Bengzon, J., Söderström, S., Kokaia, Z., Kokaia, M., Ernfors, P., Persson, H., Ebendal, T. and Lindvall, O.
Widespread increase of nerve growth factor protein in the rat forebrain after kindling-induced seizures (587) 338
Bickford, P.C., see Luntz-Leybman, V. (587) 130
Bilkey, D.K., see Holmes, K.H. (587) 285
Boje, K.M. and Arora, P.K.
Microglial-produced nitric oxide and reactive nitrogen oxides mediate neuronal cell death (587) 250
Bray, G.A., see Tsujii, S. (587) 226
Breedlove, S.M., see Monaghan, E.P. (587) 177
Brody, M.J., see Meller, S.T. (587) 88
Bronstein, D.M., Schafer, M.K.-H., Watson, S.J. and Akil, H.
Evidence that β-endorphin is synthesized in cells in the nucleus tractus solitarius: detection of POMC mRNA (587) 269
Buchan, A.M., see Xue, D. (587) 66

Chao, H.H.-A., see Albus, K. (587) 353
Clement, M.E. and McCall, R.B.
Evidence that the lateral tegmental field plays an important role in the central sympathoinhibitory action of 8-OH-DPAT (587) 115
Colvin, A.C., see Hooks, M.S. (587) 306
Cooper, K.E., see Federico, P. (587) 319
Cotman, C.W., see Koh, J.-Y. (587) 233

Daigen, A., see Akiyama, K. (587) 73
Deadwyler, S.A., see Foster, T.C. (587) 95
De Arruda Camargo, L.A., see Barbosa, S.P. (587) 109
De Luca Jr., L.A., see Barbosa, S.P. (587) 109

Ebendal, T., see Bengzon, J. (587) 338
Eltayeb, K., see Hourani, H. (587) 276
Ernfors, P., see Bengzon, J. (587) 338

Federico, P., Malkinson, T.J., Cooper, K.E., Pittman, Q.J. and Veale, W.L.
Vasopressin perfusion within the medial amygdaloid nucleus attenuates prostaglandin fever in the urethane-anaesthetized rat (587) 319
Feinstein, D.L., see Martin, J.-L. (587) 1
Finch, D.M., see Mello, L.E.A.M. (587) 24
Finch, D.M., see Mello, L.E.A.M. (587) 41
Foster, T.C. and Deadwyler, S.A.
Acetylcholine modulates averaged sensory evoked responses and perforant path evoked field potentials in the rat dentate gyrus (587) 95
Frautschy, S.A., see Logan, A. (587) 216
Freedman, R., see Luntz-Leybman, V. (587) 130

Gebhart, G.F., see Meller, S.T. (587) 88
Goldberg, S.J., see Shall, M.S. (587) 291
Gonzalez, A.-M., see Logan, A. (587) 216

Harrell, L.E., see Ayyagari, V. (587) 343
Hicks, T.P., see Albus, K. (587) 353
Holmes, K.H., Bilkey, D.K. and Laverty, R.
The infusion of an NMDA antagonist into perirhinal cortex suppresses amygdala-kindled seizures (587) 285
Hooks, M.S., Colvin, A.C., Juncos, J.L. and Justice, Jr., J.B.
Individual differences in basal and cocaine-stimulated extracellular dopamine in the nucleus accumbens using quantitative microdialysis (587) 306
Hourani, H., Lacy, B., Eltayeb, K. and Abumrad, N.N.
The role of the central nervous system in modulating glucose and protein metabolism during insulin-induced hypoglycemia (587) 276
Huang, Z.-G., see Xue, D. (587) 66

Imaizumi, K., see Matsuyama, A. (587) 49
Itoh, T., see Akiyama, K. (587) 73
Iwata, H., see Matsuyama, A. (587) 49

Juncos, J.L., see Hooks, M.S. (587) 306
Justice, Jr., J.B., see Hooks, M.S. (587) 306

Kaakkola, S. and Wurtman, R.J.
Effects of COMT inhibitors on striatal dopamine metabolism: a microdialysis study (587) 241
Kalin, N.H., see Swiergiel, A.H. (587) 263
Kanzaki, R. and Shibuya, T.
Long-lasting excitation of protocerebral bilateral neurons in the pheromone-processing pathways of the male moth *Bombyx mori* (587) 211
Kaoutzanis, M., see Yokota, M. (587) 123
Kawagoe, J., Abe, K., Sato, S., Nagano, I., Nakamura, S. and Kogure, K.
Distributions of heat shock protein (HSP) 70 and heat shock cognate protein (HSC) 70 mRNAs after transient focal ischemia in rat brain (587) 195
Kogure, K., see Kawagoe, J. (587) 195
Koh, J.-Y. and Cotman, C.W.
Programmed cell death: its possible contribution to neurotoxicity mediated by calcium channel antagonists (587) 233
Kohira, I., see Akiyama, K. (587) 73
Kokaia, M., see Bengzon, J. (587) 338
Kokaia, Z., see Bengzon, J. (587) 338
Kowall, N.W., see Yokota, M. (587) 123
Koyama, T., see Ohmori, T. (587) 257
Kraus, N., McGee, T., Littman, T. and Nicol, T.
Reticular formation influences on primary and non-primary auditory pathways as reflected by the middle latency response (587) 186

Lacy, B., see Hourani, H. (587) 276
Laverty, R., see Holmes, K.H. (587) 285
Lee, Y., see Matsuyama, A. (587) 49
Le Moal, M., see Maccari, S. (587) 313
LeVine, S.M. and Torres, M.V.
Morphological features of degenerating oligodendrocytes in twitcher mice (587) 348
Lewis, S.J., see Meller, S.T. (587) 88
Li, L., see Sheedlo, H.J. (587) 327
Lindvall, O., see Bengzon, J. (587) 338
Littman, T., see Kraus, N. (587) 186
Logan, A., Frautschy, S.A., Gonzalez, A.-M., Sporn, M.B. and Baird, A.
Enhanced expression of transforming growth factor β1 in the rat brain after a localized cerebral injury (587) 216
Lookingland, K.J., see Manzanares, J. (587) 301
Lumia, A.R., Teicher, M.H., Salchli, F., Ayers, E. and Possidente, B.
Olfactory bulbectomy as a model for agitated hyposerotonergic depression (587) 181
Luntz-Leybman, V., Bickford, P.C. and Freedman, R.

Cholinergic gating of response to auditory stimuli in rat hippocampus (587) 130

Maccari, S., Piazza, P.V., Rouge-Pont, F., Angelucci, L., Simon, H. and Le Moal, M.
Noradrenergic regulation of type-I and type-II corticosteroid receptors in amygdala and hypothalamus (587) 313
Magistretti, P.J., see Martin, J.-L. (587) 1
Malkinson, T.J., see Federico, P. (587) 319
Manzanares, J., Wagner, E.J., Lookingland, K.J. and Moore, K.E.
Effects of immunoneutralization of dynorphin$_{1-17}$ and dynorphin$_{1-8}$ on the activity of central dopaminergic neurons in the male rat (587) 301
Martin, J.-L., Feinstein, D.L., Yu, N., Sorg, O., Rossier, C. and Magistretti, P.J.
VIP receptor subtypes in mouse cerebral cortex: evidence for a differential localization in astrocytes, microvessels and synaptosomal membranes (587) 1
Masukawa, L.M., see Strowbridge, B.W. (587) 158
Matsuyama, A., Iwata, H., Okumura, N., Yoshida, S., Imaizumi, K., Lee, Y., Shiraishi, S. and Shiosaka, S.
Localization of basic fibroblast growth factor-like immunoreactivity in the rat brain (587) 49
McCall, R.B., see Clement, M.E. (587) 115
McGee, T., see Kraus, N. (587) 186
Meller, S.T., Lewis, S.J., Brody, M.J. and Gebhart, G.F.
Age, strain and anesthetic dependent differences in the nociceptive responses produced by i.v. 5-HT in the rat (587) 88
Mello, L.E.A.M., Tan, A.M. and Finch, D.M.
Convergence of projections from the rat hippocampal formation, medial geniculate and basal forebrain onto single amygdaloid neurons: an in vivo extra- and intracellular electrophysiological study (587) 24
Mello, L.E.A.M., Tan, A.M. and Finch, D.M.
GABAergic synaptic transmission in projections from the basal forebrain and hippocampal formation to the amygdala: an in vivo iontophoretic study (587) 41
Menani, J.V., see Barbosa, S.P. (587) 109
Monaghan, E.P. and Breedlove, S.M.
The role of the bulbocavernosus in penile reflex behavior in rats (587) 177
Moore, K.E., see Manzanares, J. (587) 301

Nagano, I., see Kawagoe, J. (587) 195
Nakamura, F., see Ohmori, T. (587) 257
Nakamura, S., see Kawagoe, J. (587) 195
Nicol, T., see Kraus, N. (587) 186

Ogita, K., see Akiyama, K. (587) 73
Ohmori, T., Nakamura, F., Koyama, T. and Yamashita, I.
Amygdala kindling does not alter the *N*-methyl-D-aspartate receptor-channel complex which modulates dopamine release in the rat striatum and amygdala (587) 257
Okumura, N., see Matsuyama, A. (587) 49
Otsuki, S., see Akiyama, K. (587) 73

Palij, P. and Stamford, J.A.
Real-time monitoring of endogenous noradrenaline release in rat brain slices using fast cyclic voltammetry: 1. Characterisation of evoked noradrenaline efflux and uptake from nerve terminals in the bed nucleus of stria terminalis, pars ventralis (587) 137
Persson, H., see Bengzon, J. (587) 338
Peterson, J.W., see Yokota, M. (587) 123
Piazza, P.V., see Maccari, S. (587) 313
Pittman, Q.J., see Federico, P. (587) 319
Possidente, B., see Lumia, A.R. (587) 181

Renzi, A., see Barbosa, S.P. (587) 109
Rivest, S., Torres, G. and Rivier, C.
Differential effects of central and peripheral injection of interleukin-1β on brain c-*fos* expression and neuroendocrine functions (587) 13
Rivier, C., see Rivest, S. (587) 13
Robbins, R.J., see Strowbridge, B.W. (587) 164
Rogers, J.H.
Immunohistochemical markers in rat brain: colocalization of calretinin and calbindin-D28k with tyrosine hydroxylase (587) 203
Rogers, J.H.
Immunohistochemical markers in rat cortex.. Co-localization of calretinin and calbindin-D28k with neuropeptides and GABA (587) 147
Rossier, C., see Martin, J.-L. (587) 1
Roth, R.H., see Strowbridge, B.W. (587) 164
Rouge-Pont, F., see Maccari, S. (587) 313
Rubin, W.W., see Swiergiel, A.H. (587) 263

Saad, W.A., see Barbosa, S.P. (587) 109
Saito, H., see Abe, K. (587) 102
Salchli, F., see Lumia, A.R. (587) 181
Sato, S., see Kawagoe, J. (587) 195
Schafer, M.K.-H., see Bronstein, D.M. (587) 269
Segal, M.
Acetylcholine enhances NMDA-evoked calcium rise in hippocampal neurons (587) 83
Shall, M.S. and Goldberg, S.J.
Extraocular motor units: type classification and motoneuron stimulation frequency-muscle unit force relationships (587) 291
Sheedlo, H.J., Li, L. and Turner, J.E.
Effects of RPE-cell factors secreted from permselective fibers on retinal cells in vitro (587) 327
Shepherd, G.M., see Strowbridge, B.W. (587) 158
Shepherd, G.M., see Strowbridge, B.W. (587) 164
Shibuya, T., see Kanzaki, R. (587) 211
Shiosaka, S., see Matsuyama, A. (587) 49
Shiraishi, S., see Matsuyama, A. (587) 49
Simon, H., see Maccari, S. (587) 313
Smith, K.E., see Xue, D. (587) 66
Söderström, S., see Bengzon, J. (587) 338
Sora, I., see Akiyama, K. (587) 73
Sorg, O., see Martin, J.-L. (587) 1
Spencer, D.D., see Strowbridge, B.W. (587) 158
Spencer, D.D., see Strowbridge, B.W. (587) 164
Sporn, M.B., see Logan, A. (587) 216
Stamford, J.A., see Palij, P. (587) 137
Strowbridge, B.W., Bean, A.J., Spencer, D.D., Roth, R.H., Shepherd, G.M. and Robbins, R.J.
Low levels of somatostatin-like immunoreactivity in neocortex resected from presumed seizure foci in epileptic patients (587) 164
Strowbridge, B.W., Masukawa, L.M., Spencer, D.D. and Shepherd, G.M.
Hyperexcitability associated with localizable lesions in epileptic patients (587) 158
Swiergiel, A.H., Takahashi, L.K., Rubin, W.W. and Kalin, N.H.
Antagonism of corticotropin-releasing factor receptors in the locus coeruleus attenuates shock-induced freezing in rats (587) 263

Takahashi, L.K., see Swiergiel, A.H. (587) 263
Tan, A.M., see Mello, L.E.A.M. (587) 24
Tan, A.M., see Mello, L.E.A.M. (587) 41
Teicher, M.H., see Lumia, A.R. (587) 181
Torres, G., see Rivest, S. (587) 13
Torres, M.V., see LeVine, S.M. (587) 348
Tsujii, S. and Bray, G.A.
Food intake of lean and obese Zucker rats following ventricular infusions of adrenergic agonists (587) 226
Turner, J.E., see Sheedlo, H.J. (587) 327

Ujike, H., see Akiyama, K. (587) 73

Vacca-Galloway, L.L., see Zhang, Y.Q. (587) 169
Veale, W.L., see Federico, P. (587) 319

Wagner, E.J., see Manzanares, J. (587) 301
Watson, S.J., see Bronstein, D.M. (587) 269
Wurtman, R.J., see Kaakkola, S. (587) 241

Xue, D., Huang, Z.-G., Smith, K.E. and Buchan, A.M.
Immediate or delayed mild hypothermia prevents focal cerebral infarction (587) 66

Yamashita, I., see Ohmori, T. (587) 257
Yokota, M., Peterson, J.W., Kaoutzanis, M. and Kowall, N.W.
Immunohistochemical distribution of protein kinase C isozymes is differentially

altered in ischemic gerbil hippocampus (587) 123
Yoneda, Y., see Akiyama, K. (587) 73
Yoshida, S., see Matsuyama, A. (587) 49
Yu, N., see Martin, J.-L. (587) 1
Zhang, Y.Q. and Vacca-Galloway, L.L. Decreased immunoreactive (IR) calcitonin gene-related peptide correlates with sprouting of IR-pepidergic and serotonergic neuronal processes in spinal cord and brain nuclei from the Wobbler mouse during motoneuron disease (587) 169